

32692

Customer Number

Patent  
Case No.: 58708US004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: LEWANDOWSKI, KEVIN M.

Application No.:

Group Art Unit: Unknown

Filed:

Examiner: Unknown

Title: AZLACTONE CHAIN TRANSFER AGENTS FOR RADICAL POLYMERIZATION

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

|  |                             |
|--|-----------------------------|
| <b>Filing of Papers and Fees by Express Mailing</b>  |                             |
| Pursuant to 37 § CFR 1.10, the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450<br>Express Mail No. EL 982744815 US |                             |
| APR - 7 2004   | <i>Hylis H. Froelke</i>     |
| Date   | Signed by: Hylis H. Froelke |

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

*April 7, 2003*  
Date

By: *[Signature]*  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

Application Number

Filing Date

First Named Inventor

Kevin M. LEWANDOWSKI

Art Unit

Examiner Name

Unknown

Attorney Case Number

58708US004

## U.S. Patent Documents

| Exam. Init.* | Cite No. | Document Number                  | Publication Date or Issue Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------|----------|----------------------------------|--|---|---|
|              |          | Doc. Number-(Kind Code if Known) |  |   |   |
|              | A1       | US- 5,763,548                    | 06/09/1998                                   | Matyjaszewski et al.                            |   |
|              | A2       | US- 6,143,848                    | 11/07/2000                                   | Lee et al.                                      |   |
|              | A3       | US- 6,153,705                    | 11/28/2000                                   | Corpart et al.                                  |   |

## Foreign Patent Documents

| Exam. Init.* | Cite No. | Foreign Patent Document |                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation<br>(Check if yes) |
|--------------|----------|-------------------------|----------------------------|--------------------------------|---|---|-------------------------------|
|              |          | Ctry. Code              | Number-KindCode (if known) |                                |   |   |                               |
|              | B1       | WO                      | 97/18247                   | 05/22/1997                     |   |   |                               |
|              | B2       | WO                      | 99/31144                   | 06/24/1999                     |   |   |                               |
|              | B3       | WO                      | 02/26836 A2, A3            | 04/04/2002                     |   |   |                               |

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|--------------|----------|--|
|              | C1       | A. ŠEBENIK, "Living Free-Radical Block Copolymerization Using Thio-Iniferters", Prog. Polym. Sci., (1998), pp. 875-917, Vol. 23  |
|              | C2       | "Polyazlactones", Encyclopedia of Polymer Science and Engineering, (1988), pp. 558-571, Vol. 11, 2 <sup>nd</sup> Edition, John Wiley and Sons  |
|              | C3       | S. M. HEILMANN, "Chemistry and Technology of 2-Alkenyl Azlactones", Journal of Polymer Science: Part A: Polymer Chemistry, (2001), pp. 3655-3677, Vol. 39, John Wiley and Sons, Inc.   |
|              | C4       | Y. K. (Bill) CHONG, "A More Versatile Route to Block Copolymers and Other Polymers of Complex Architecture by Living Radical Polymerization: The RAFT Process", Macromolecules, (1999), pp. 2071-2074, Vol. 32, American Chemical Society                      |
|              | C5       | M. FREEMANTLE, "In Control of a Living Process", Chemical and Engineering News, (September 9, 2002), pp. 36-40   |
|              | C6       | G. B. FIELDS et al., "Solid Phase Peptide Synthesis Utilizing 9-fluorenylmethoxycarbonyl Amino Acids", International Journal of Peptide & Protein Research, (1990), pp. 161-214, Vol. 35   |
|              | C7       | G. B. FIELDS et al., Chapter 3, "Principles and Practice of Solid-Phase Peptide Synthesis", Synthetic Peptides: A User's Guide, G. A. Grant Edition, (1992), pp. 77-183, W. H. Freeman and Co., New York, NY   |

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)